

Parts List

Reference	Description	Part #
C1,C5,C6,C9,C10,C12,C15,C18,C35,C37	.1µfd chip capacitor	1010-53-5104
C2	22µfd 16V tantalum chip capacitor	1610-25-6226
C3,C4	.068µfd chip capacitor	1010-53-5683
C7,C8,C13	220pfd chip capacitor	1010-53-5221
C11	.0033µfd chip capacitor	1010-53-5332
C16	1000pfd chip capacitor	1010-53-5102
C17	.0022µfd chip capacitor	1010-53-5222
C19,C20	22pfd chip capacitor	1010-53-5220
C21A,C21B	6.8µfd tantalum chip capacitor	1610-35-6685
C22,C31,C32,C33,C34,C39	100µfd electrolytic cap	1400-48-7107
C23,C24,C25,C26	0.47µfd tantalum chip capacitor	1610-34-6474
C27,C28,C29,C36	1.0µfd tantalum chip capacitor	1610-34-6105
C14,C30	2.2µfd tantalum chip capacitor	1610-34-6225
D1,D2,D3	BAV99 dual diode SOT23	3110-01-0099
D4,D5	Red LED	4003-04-0281
F1	3A Pica fuse	2600-05-0030
JP1	.100" 3 position vertical header	7300-53-0103
P1	DB-9 M right angle PCB	7400-00-0011
P2	.100" 14 position vertical header	7300-13-0114
P3	2.5mm right angle jack	7401-02-0050
P4	3.5mm right angle speaker jack	7401-02-0051
Q1,Q2,Q5-Q10	2N4401 NPN transistor	3010-01-4401
Q3	TIP 117 PNP transistor	3000-08-0117
Q4	TIP 30 PNP transistor	3000-08-0030
RV1,RV8,RV9	10K 3mm SMT pot	2030-08-8103
RV2,RV3,RV5,RV7	100K 3mm SMT pot	2030-08-8104
RV4,RV10	20K 3mm SMT pot	2030-08-8203
RV6	200K 3mm SMT pot	2030-08-8204
R82	10 Ohm chip resistor	2010-03-5100
R10,R23,R26,R41,R71,R72,R81	10K chip resistor	2010-03-5103
R8,R11,R16,R21,R22,R24,R30,R35,R43,R44,R73	100K chip resistor	2010-03-5104
R1,R2,R4,R6,R15,R17,R18,R31,R66,R74	22K chip resistor	2010-03-5223
R3,R12,R13,R75	2.2K chip resistor	2010-03-5222
R5,R14	820 Ohm chip resistor	2010-03-5821
R7,R48,R49,R63	5.6K chip resistor	2010-03-5562
R9,R47,R65	56K chip resistor	2010-03-5563
R19,R20	470K chip resistor	2010-03-5474
R25,R29,R34,R51	1.0M chip resistor	2010-03-5105
R27,R33,R36,R37,R38,R45,R46	33K chip resistor	2010-03-5333
R32,R70	27K chip resistor	2010-03-5273
R39,R40,R53	150K chip resistor	2010-03-5154
R42	330K chip resistor	2010-03-5334
R50,R77-R80	15K chip resistor	2010-03-5153
R54-R62,R64	330 Ohm chip resistor	2010-03-5331
R68,R69	4.7K chip resistor	2010-03-5472
R67	8.2 Ohm 1W resistor	2000-10-5829
TH1	10K NTC Thermistor	2400-08-5103

SVR-200 Service Manual

U1	LM2904 dual op-amp	3410-01-2904
U2,U3	MC3403 quad op-amp	3410-01-3403
U4	MX-806ALH audio processor	3710-02-0806
U5	MX-805ALH sub-audio processor	3710-02-0805
U6	LM386 audio amp	3410-01-0386
U7	LM7805 1A regulator	3400-08-7805
U8 (VHF/UHF)	LM7808D 1A regulator	3400-08-7808
U8 (800 MHz)	LM7806D 1A regulator	3400-08-7806
U9	CD4094 shift register	3410-01-4094
U10	93C46 1Kbit Serial E ² PROM	3610-01-9346
U11	DS-1833-10 reset controller	3400-07-1833
U12	AT89C51-12JC Microprocessor	3610-02-8951
X1	4.032 MHz HC18/U	6000-07-4032
VAR1	18V MOV	2580-02-0018
	Extruded aluminium case	8100-01-5010
	Aluminium end panel	8200-04-5010
	ABS Plastic front panel	8200-03-2502
	BNC PCB mount connector	7401-02-0002
	10ft. radio cable with DB-9F conn. ...	7500-10-1001
	Shorting block for JP1	7200-03-0102
	Mounting bracket	9600-05-0001
	RF interconnect board	9100-00-0001
	8-32 x 1/4" SS philips	8000-24-8324
	4-40 x 3/8" SS cap screw	8000-34-4406
	4-40 SS nut	8000-54-4400
	4-40 x 1/4" SS philips	8000-24-4404
	2-56 x 3/16" SS philips	8000-24-2563
	4-40 x 3/16" SS philips	8000-24-4403
	2-56 x 1/8" aluminium spacer	8000-65-2562
	Aluminium heat sink (U7 & U8)	8400-05-0001
	Right Angle heat sink (RF module) ...	8400-05-0002